

# Super Dominator 550 HD

## Super Dominator 550 HD

Super Dominator 550 HD is a class leader in performance and is suitable for drilling at a wide range of air pressures, excelling at high working pressures. The Super Dominator 550 HD combines the raw power of the Super Dominator 500 with extended hammer life in abrasive conditions due to its larger outside diameter. Super Dominator 550 HD has a one piece top-adaptor with N.R.V. (Non-Return-Valve) fitted for easy inspection and service, with integral finger to reduce maintenance and eliminate shimming. Super Dominator 550 HD has no liner which increases the piston blow energy and reduces part required.

Super Dominator 550 HD is ideal for waterwell and geo-thermal drilling applications.

Super Dominator 550 HD is simple to maintain and to service with only few simple tools required.

Suitable for operation at air pressures of 100 - 435 psi (7 - 30 bar).

Drilling diameters of 135mm - 165mm (5 - 6 1/2").

### Parts List

Hammer Type		Super Dominator 550 HD		
		DHD350R	SK49	RK73
Model Number		600293	Contents	
Item	Description	Part Number	Quantities	
1	Thread Protector	201701	-	-
2	Snap Ring	783028	2	2
3	N.R.V. Seat	603510	-	1
4	O'Ring	768144	2	2
5	N.R.V.	603554	-	1
6	N.R.V. Spring	760135	-	2
7	N.R.V. Shield	603652	-	-
8	Top-Adaptor	603661	-	-
9	O'Ring	768091	2	2
10	O'Ring	768043	2	2
11	Cylinder	603370	-	-
12	Piston	603369	-	-
13	Snap Ring	783025	2	2
14	Bit Retaining Ring	602706	-	1
15	Chuck Lock Ring	603104	1	1
16	Chuck Spacer	602863	2	2
17	Chuck	602866	-	1
18	End Cap	741020	-	-
SK	Service Kit	SK49		
RK	Repair Kit	RK73		
	Foot Valve	601902		
	F/V Tool - Body	601877		
	F/V Tool - Pusher	601708		



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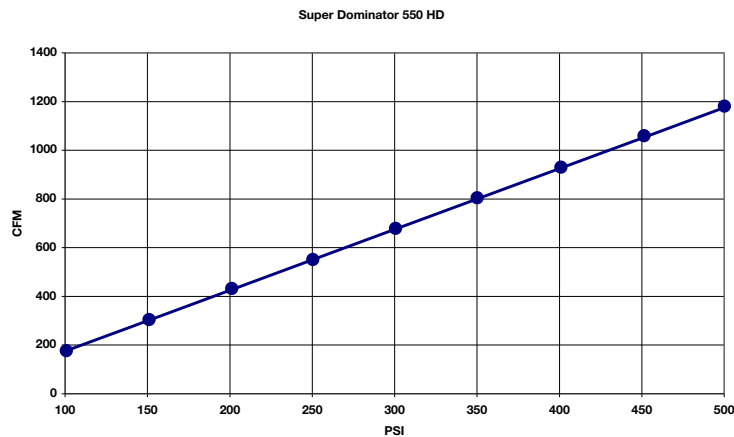
## Drill Bits

Part Number	Diameter		Face		Button		Over Weight	
	mm	Inch	Design	Type	Qty / Dia	Size	(Kg)	
<b>Ingersoll Rand Shank - DHD350R / Atlas Copco Cop 54</b>								
653205	140	5.1/2	Flat	Domed	7 x 16mmD/8x16mm Long			16.2
653070	140	5.1/2	Convex	Semi-Ballistic	8x16mm SB/8x16mm Long SB			15.9
653257	146	5.3/4	Concave	Domed	15 x 16mm			16.3
650676	150	5.7/8	Concave	Domed/Semi-Ballistic	9x16mmd / 10x16mmSB	Y		17.8
650711	152	6	Convex	Domed	20 x 16mm	Y		17.8
653092	165	6.1/2	Concave	Domed	10 x 16mm / 8 x 20mm	Y		21.4

## Hammer Overview

Hammer Type	Super Dominator 550 HD
Part Number	600293
Shank	Ingersoll Rand DHD350R
Top Thread	3.1/2" Api Reg Pin
Hammer Flat Size	90mm (3.544")
Weight	67 Kg
Outside Diameter	124.5mm (4.85")
Make Up Length	975mm (38.40")
Recommended Minimum Thrust	400 Kg (900 Lbs)
Recommended Maximum Thrust	900 Kg (1980 Lbs)

## Air Consumption



## Available Shanks

IR DHD 350R